

## WEST Search History for Application 10669925

Creation Date: 2011050918:48

Hildebrand-william\$.in.PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
Buchli-rico\$.in.PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(Buchli-rico\$.in. or (Hildebrand-william\$.in. )PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assayPGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hlaPGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hlaPGPB, USPT,  
EPAB, JPAB, DWPI OR 05-01-2009  
elisa same (detect\$5 adj anti-hla\$7)PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj assay\$) same (anti-hla\$5)PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) )PGPB,  
USPT, EPAB, JPAB, DWPI OR 05-01-2009  
sandwich adj elisa\$PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj elisa\$ ) same orient\$7PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same  
orient\$7 )PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 ) and @pd > 20070308PGPB, USPT, EPAB, JPAB, DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 and @pd > 20070308 ) and @pd > 20071030PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-01-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 and @pd > 20070308 and @pd > 20071030 ) and @pd > 20080708PGPB, USPT,  
EPAB, JPAB, DWPI OR 05-01-2009  
Hildebrand-william\$.in.PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
Buchli-rico\$.in.PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
(Buchli-rico\$.in. or (Hildebrand-william\$.in. )PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assayPGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hlaPGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hlaPGPB, USPT,  
EPAB, JPAB, DWPI OR 05-04-2009  
elisa same (detect\$5 adj anti-hla\$7)PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
(sandwich adj assay\$) same (anti-hla\$5)PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009

((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) )PGPB,  
USPT, EPAB, JPAB, DWPI OR 05-04-2009  
sandwich adj elisa\$PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
(sandwich adj elisa\$ ) same orient\$7PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
(sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same  
orient\$7 )PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 ) and @pd > 20070308PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 and @pd > 20070308 ) and @pd > 20071030PGPB, USPT, EPAB, JPAB,  
DWPI OR 05-04-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 and @pd > 20070308 and @pd > 20071030 ) and @pd > 20080708PGPB, USPT,  
EPAB, JPAB, DWPI OR 05-04-2009  
(sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same  
orient\$7 and @pd > 20070308 and @pd > 20071030 and @pd > 20080708 ) and @pd >  
20090501PGPB, USPT, EPAB, JPAB, DWPI OR 05-04-2009

## Prior Art Searches

| Query   | DB                                       | Op. | Plur. | Thes. | Date       |
|---|--|-----|-------|-------|------------|
| Hildebrand-william\$.in.                                      | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 03-02-2010 |
| Buchli-rico\$.in.   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 03-02-2010 |
| (Buchli-rico\$.in. ) or (Hildebrand-william\$.in. )           | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 03-02-2010 |
| (Buchli-rico\$.in. or Hildebrand-william\$.in. ) and<br>assay | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR  | YES   |       | 03-02-2010 |
|   |  | OR  | YES   |       | 03-02-2010 |

|  |                              |    |     |  |            |
|--|------------------------------|----|-----|--|------------|
| (Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$                               | PGPB, USPT, EPAB, JPAB, DWPI |    |     |  |            |
| (Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hla                       | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 03-02-2010 |
| (Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hla          | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 03-02-2010 |
| elisa same (detect\$5 adj anti-hla\$7)   | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 03-02-2010 |
| (sandwich adj assay\$) same (anti-hla\$5)  | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 03-02-2010 |
| ((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) ) | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 03-02-2010 |
| sandwich adj elisa\$   | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 03-02-2010 |
| (sandwich adj elisa\$ ) same orient\$7   | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 03-02-2010 |
| (sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7   | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 03-02-2010 |

|  |  |    |     |  |            |
|--|--|----|-----|--|------------|
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same orient\$7 )  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 ) and @pd > 20070308  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 ) and @pd > 20071030                                       | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 ) and @pd > 20080708                    | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 and @pd > 20080708 ) and @pd > 20090504 | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 03-02-2010 |
| Hildebrand-william\$.in.   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| Buchli-rico\$.in.  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| (Buchli-rico\$.in. ) or (Hildebrand-william\$.in. )  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |

|  |                              |    |     |  |            |
|--|------------------------------|----|-----|--|------------|
| (Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay                                 | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |
| (Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$                               | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |
| (Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hla                       | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |
| (Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hla          | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |
| elisa same (detect\$5 adj anti-hla\$7)   | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj assay\$) same (anti-hla\$5)  | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |
| ((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) ) | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |
| sandwich adj elisa\$   | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj elisa\$ ) same orient\$7   | PGPB, USPT, EPAB, JPAB, DWPI | OR | YES |  | 09-10-2010 |

|   |  |    |     |  |            |
|---|--|----|-----|--|------------|
| (sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same orient\$7 )   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 ) and @pd > 20070308   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 ) and @pd > 20071030  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 ) and @pd > 20080708                                       | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 and @pd > 20080708 ) and @pd > 20090504                    | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 and @pd > 20080708 and @pd > 20090504 ) and @pd > 20100304 | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 09-10-2010 |
| Hildebrand-william\$.in.  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |

|   |  |    |     |  |            |
|---|--|----|-----|--|------------|
| <b>Buchli-rico\$.in.</b>  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| <b>(Buchli-rico\$.in. ) or (Hildebrand-william\$.in. )</b>  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay</b>                                 | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. ) and assay\$</b>                               | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ ) and hla</b>                       | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| <b>(Buchli-rico\$.in. or Hildebrand-william\$.in. and assay\$ and hla ) and anti-hla</b>          | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| <b>elisa same (detect\$5 adj anti-hla\$7)</b>   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| <b>(sandwich adj assay\$) same (anti-hla\$5)</b>  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| <b>((sandwich adj assay\$) same (anti-hla\$5) ) not (elisa same (detect\$5 adj anti-hla\$7) )</b> | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |

|  |  |    |     |  |            |
|--|--|----|-----|--|------------|
| sandwich adj elisa\$   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ ) same orient\$7   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ ) and hla\$7 and anti-hla\$7   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 ) and orient\$7   | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 ) not (sandwich adj elisa\$ same orient\$7 )  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 ) and @pd > 20070308  | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 ) and @pd > 20071030                                       | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 ) and @pd > 20080708                    | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 and @pd > 20080708 ) and @pd > 20090504 | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |



|  |  |    |     |  |            |
|--|--|----|-----|--|------------|
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 and @pd > 20080708 and @pd > 20090504 ) and @pd > 20100304                    | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |
| (sandwich adj elisa\$ and hla\$7 and anti-hla\$7 and orient\$7 not sandwich adj elisa\$ same orient\$7 and @pd > 20070308 and @pd > 20071030 and @pd > 20080708 and @pd > 20090504 and @pd > 20100304 ) and @pd > 20100910 | PGPB,<br>USPT,<br>EPAB,<br>JPAB,<br>DWPI | OR | YES |  | 05-09-2011 |